

FLINT WATER RESPONSE HEALTHCARE PROVIDER WEDNESDAY UPDATES

FROM THE MICHIGAN DEPARTMENT OF HEALTH AND HUMAN SERVICES

May 11, 2016

Developmental Screening in A Lead Exposed Population: What Every Provider Should Know (Part II)

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Objectives

- Review the rationale for, and benefits of screening for mental and behavioral health problems in youth and teens
- Familiarize audience with Michigan Medicaid Early Periodic Screening, Diagnosis and Treatment (EPSDT) guidelines and screening tools in older youth and teens
- Familiarize audience with Michigan Child Collaborative Care (MC3) program potential to support implementation of screening in office practices

NOTE

- The information in this webinar is subject to change.
- This information is what is known of risks and outcomes as of May 11, 2016.
- For an overview of behavioral issues in lead exposed youth see webinar March 30, 2016
- For Developmental Screening Part I see webinar April 13, 2016
- michigan.gov/flintwater for the most updated information on lead exposure

Rationale for Screening Youth in Flint

- Lead is one exposure in a series of adverse childhood events (trauma, poverty, separation, parental illness) for many children in Flint/Genesee
- Screening identifies behavioral conditions early (autism, depression, ADHD, anxiety/trauma) and identifies those at risk for suicide
- Screening enables connection to services in the school and community being made available to youth
- This may fundamentally change these children's life trajectory!

AAP Position Statement

- No other illnesses so damage so many children so seriously. On the other hand, early identification and treatment of children with mental health problems has the potential to reduce the burden of mental illness and its many consequences.
 - Pediatrics vol. 123, Number 4, April 2009

- Developmental and behavioral health screening part of well child EPSDT visits in pediatric practices for Medicaid children
 - EPSDT: Early and Periodic Screening, Diagnostic, and Treatment
- Validated, age appropriate tools
- Screening will occur for the age range of children 1 month to 21 years

- EPSDT is a federal Medicaid benefit that provides comprehensive and preventative health care services for children under age 21.
- Services include the screening of children and youth to identify physical, developmental and behavioral health issues.
- The Michigan Medicaid Provider Manual formalizes the implementation of EPSDT.
- The EPSDT section on Developmental/Behavioral Health provides guidance for the administration of validated, standardized screening tools based on the AAP Periodicity Schedule.

L-LETTER COMMUNICATION

- MDHHS is developing an L-Letter communication for Genesee County and Flint primary care practitioners that summarizes the guidance for developmental and behavioral health screening tools delineated in the Medicaid Provider Manual for children 1 month to 21 years of age.
- The April 13 Webinar focused on the screening tools for children less than 6 years of age. It should be noted that for this age range there are currently several organizations in Flint who are performing developmental screenings (generally the ASQ 3) for very young children. Efforts are currently underway through the CHAP partnerships to coordinate and identify a data/web based system to assist with reporting screenings and avoid duplication.

PURPOSE OF WEBINAR

- Today's Webinar is to provide the background for and review of the screening tools for children over 6 years of age.
- Information will also be provided about the Michigan Child Collaborative Care Program(MC3) and support of screening

Screening Tools

- Young Children Under Age 6
 - ASQ and ASQ-SE (SE screener to 72 months of age)
 - M-Chat (Autism)
 - SCQ (4 years/older - Autism)
- School-Age Children through Adolescents
 - Pediatric Symptoms Checklist (SE screener)
 - Strength and Difficulties Questionnaire (SE screener)
 - SCQ (4 years and older- Autism)
- Teens and Young Adults
 - PHQ (depression)
 - CRAFFT (Substance Abuse)

- Social Communication Questionnaire (SCQ)
- Social Emotional Screening Options
 - Pediatric Symptom Checklist (PSC)
 - Strength/Difficulties Questionnaire (SDQ)
- Depression Screening (PHQ-2 and PHQ-9 for teens)
- Substance Abuse Screening (CRAFFT)

Developmental Screening



- The American Academy of Pediatrics (AAP) recommends that screening for psychosocial-behavioral assessment occur at every well-child preventive care visit throughout infancy, childhood and adolescence.
- The American Academy of Pediatrics (AAP) recommends that screening for depression and substance abuse occur at every well-child preventive care visit between 11 and 21 years.

Bright Futures (AAP)

Recommendations for Preventive Pediatric Health Care

Bright Futures/American Academy of Pediatrics

Each child and family is unique; therefore, these Recommendations for Preventive Pediatric Health Care are designed for the care of children who are receiving competent parenting, have no manifestations of any important health problems, and are growing and developing in satisfactory fashion. Additional visits may become necessary if circumstances suggest variations from normal.

Developmental, psychosocial, and chronic disease issues for children and adolescents may require frequent counseling and treatment visits separate from preventive care visits.

These guidelines represent a consensus by the American Academy of Pediatrics (AAP) and Bright Futures. The AAP continues to emphasize the great importance of continuity of care in comprehensive health supervision and the need to avoid fragmentation of care.

Refer to the specific guidance by age as listed in *Bright Futures* guidelines (Hagan JF, Shaw JS, Duncan PM, eds. *Bright Futures Guidelines for Health Supervision of Infants, Children and Adolescents*. 3rd ed. Elk Grove Village, IL: American Academy of Pediatrics; 2008).

The recommendations in this statement do not indicate an exclusive course of treatment or standard of medical care. Variations, taking into account individual circumstances, may be appropriate.

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AGE ¹	INFANCY									EARLY CHILDHOOD					MIDDLE CHILDHOOD					ADOLESCENCE														
	Prenatal ²	Newborn ²	3-5 d ³	By 1 mo	2 mo	4 mo	6 mo	9 mo	12 mo	15 mo	18 mo	24 mo	30 mo	3 y	4 y	5 y	6 y	7 y	8 y	9 y	10 y	11 y	12 y	13 y	14 y	15 y	16 y	17 y	18 y	19 y	20 y	21 y		
HISTORY	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
MEASUREMENTS																																		
Length/Height and Weight	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Head Circumference	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Weight for Length	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Body Mass Index ⁴																																		
Blood Pressure ⁴	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	
SENSORY SCREENING																																		
Vision ⁷	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	
Hearing	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
DEVELOPMENTAL/BEHAVIORAL ASSESSMENT																																		
Developmental Screening ⁸									●		●		●		●		●		●		●		●		●		●		●		●		●	
Autism Screening ⁹																																		
Developmental Surveillance	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Psychosocial/Behavioral Assessment	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Alcohol and Drug Use Assessment ¹¹																							★	★	★	★	★	★	★	★	★	★	★	★
Depression Screening ¹²																							●	●	●	●	●	●	●	●	●	●	●	●
PHYSICAL EXAMINATION⁴																																		
PROCEDURES¹⁴																																		
Newborn Blood Screening ¹⁵		←	●	→																														
Critical Congenital Heart Defect Screening ¹⁴	●																																	
Immunization ¹⁷	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hematoctrit or Hemoglobin ¹⁴							★			★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Lead Screening ¹⁸							★	★	● or ★		★	● or ★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Tuberculosis Testing ¹⁹				★																			★	★	★	★	★	★	★	★	★	★	★	★
Dyslipidemia Screening ²⁰																																		
STI/HIV Screening ²¹																																		
Cervical Dysplasia Screening ²¹																																		
ORAL HEALTH²²							★	★	● or ★		● or ★	● or ★	● or ★	● or ★	●																			
Fluoride Varnish ²⁴							←																											
ANTICIPATORY GUIDANCE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

1. If a child comes under care for the first time at any point on the schedule, or if any items are not accomplished at the suggested age, the schedule should be brought up to date at the earliest possible time.
 2. A prenatal visit is recommended for parents who are at high risk, for first-time parents, and for those who request a conference. The prenatal visit should include anticipatory guidance, pertinent medical history, and a discussion of benefits of breastfeeding and planned method of feeding, per the 2009 AAP statement "The Prenatal Visit" (<http://pediatrics.aappublications.org/content/124/4/1227.full>).
 3. Every infant should have a newborn evaluation after birth, and breastfeeding should be encouraged (and instruction and support should be offered).
 4. Every infant should have an evaluation within 3 to 5 days of birth and within 48 to 72 hours after discharge from the hospital to include evaluation for feeding and jaundice. Breastfeeding infants should receive formal breastfeeding evaluation, and their mothers should receive encouragement and instruction, as recommended in the 2012 AAP statement "Breastfeeding and the Use of Human Milk" (<http://pediatrics.aappublications.org/content/129/3/e8327.full>). Newborn infants discharged less than 48 hours after delivery must be examined within 48 hours of discharge, per the 2010 AAP statement "Hospital Stay for Healthy Term Newborns" (<http://pediatrics.aappublications.org/content/125/4/405.full>).
 5. Screen, per the 2007 AAP statement "Expert Committee Recommendations Regarding the Prevention, Assessment, and Treatment of Child and Adolescent Overweight and Obesity: Summary Report" (http://pediatrics.aappublications.org/content/120/5/supplement_4/5164.full).

11. A recommended screening tool is available at <http://www.ceasr-boston.org/CRAFFT/index.php>.
 12. Recommended screening using the Patient Health Questionnaire (PHQ-2) or other tools available in the GLAD-PC toolkit and at http://www.aap.org/pressroom/pressroom/policy/aap-health-initiative/MentalHealthDocuments/11H_ScreeningChart.pdf.
 13. At each visit, age-appropriate physical examination is essential, with infant fully unclothed and older children undressed and suitably draped. See 2011 AAP statement "Use of Chaperones During the Physical Examination of the Pediatric Patient" (<http://pediatrics.aappublications.org/content/127/5/931.full>).
 14. These may be modified, depending on entry point into schedule and individual need.
 15. The Recommended Uniform Newborn Screening Panel (<http://www.hms.gov/indiana/committees/indiana/child/health/disorders/recommendedpanel/uniformscreeningpanel.pdf>), as determined by The Secretary's Advisory Committee on Heritable Disorders in Newborns and Children, and state newborn screening laws/regulations (<http://genes2-usa.utmc.edu/sites/genes-usa/files/indisorders.pdf>), establish the criteria for and coverage of newborn screening procedures and programs. Follow-up must be provided, as appropriate, by the pediatrician.
 16. Screening for critical congenital heart disease using pulse oximetry should be performed in newborns, after 24 hours of age, before discharge from the hospital, per the 2011 AAP statement "Endorsement of Health and Human Services Recommendation for Pulse Oximetry Screening for Critical Congenital Heart Disease" (<http://pediatrics.aappublications.org/content/127/5/931.full>).

21. Tuberculosis testing per recommendations of the Committee on Infectious Diseases, published in the current edition of AAP Red Book: Report of the Committee on Infectious Diseases. Testing should be performed on recognition of high-risk factors.
 22. See AAP-endorsed 2011 guidelines from the National Heart Blood and Lung Institute, "Integrated Guidelines for Cardiovascular Health and Risk Reduction in Children and Adolescents" (<http://www.nhlbi.nih.gov/guidelines/cvd/index.htm>).
 23. Adolescents should be screened for sexually transmitted infections (STIs) per recommendations in the current edition of the AAP Red Book: Report of the Committee on Infectious Diseases. Additionally, all adolescents should be screened for HIV according to the AAP statement "Report of the Committee on Infectious Diseases" (<http://pediatrics.aappublications.org/content/128/5/1023.full>) once between the ages of 16 and 18, making every effort to preserve confidentiality of the adolescent. Those at increased risk of HIV infection, including those who are sexually active, participate in injection drug use, or are being tested for other STIs, should be tested for HIV and assessed annually.
 24. See USPTF recommendations (<http://www.uspreventiveservicestaskforce.org/usptf/usptf.asp>). Indications for pelvic examinations prior to age 21 are noted in the 2010 AAP statement "Gynecologic Examination for Adolescents in the Pediatric Office Setting" (<http://pediatrics.aappublications.org/content/126/3/583.full>).
 25. Assess if the child has a dental home. If no dental home is identified, perform a risk assessment (<http://www2.aap.org/health/docs/RiskAssessmentTool.pdf>) and refer to a dental home. If primary water source is deficient in fluoride,

Pediatric Symptom Check List

- A broad screen for social-emotional functioning
- Available free of charge
- Relatively brief
- Parent report until through age 18; child self-report begins at age 13
- It is available in multiple language as well as pictorial version

Pediatric Symptom Check List

- Broad social-emotional screener
- Relatively brief with both a full length (35 item) and shortened (17 item) option.
- No expense
- Ages 4-18 years

Child's Name _____ Record Number _____
 Today's Date _____ Filled out by _____
 Date of Birth _____

Pediatric Symptom Checklist

Emotional and physical health go together in children. Because parents are often the first to notice a problem with their child's behavior, emotions or learning, you may help your child get the best care possible by answering these questions. Please mark under the heading that best fits your child.

		Never (0)	Sometimes (1)	Often (2)
1.	Complains of aches/pains	1	_____	_____
2.	Spends more time alone	2	_____	_____
3.	Tires easily, has little energy	3	_____	_____
4.	Fidgety, unable to sit still	4	_____	_____
5.	Has trouble with a teacher	5	_____	_____
6.	Less interested in school	6	_____	_____
7.	Acts as if driven by a motor	7	_____	_____
8.	Daydreams too much	8	_____	_____
9.	Distracted easily	9	_____	_____
10.	Is afraid of new situations	10	_____	_____
11.	Feels sad, unhappy	11	_____	_____
12.	Is irritable, angry	12	_____	_____
13.	Feels hopeless	13	_____	_____
14.	Has trouble concentrating	14	_____	_____
15.	Less interest in friends	15	_____	_____
16.	Fights with others	16	_____	_____
17.	Absent from school	17	_____	_____
18.	School grades dropping	18	_____	_____
19.	Is down on him or herself	19	_____	_____
20.	Visits doctor with doctor finding nothing wrong	20	_____	_____
21.	Has trouble sleeping	21	_____	_____
22.	Worries a lot	22	_____	_____
23.	Wants to be with you more than before	23	_____	_____
24.	Feels he or she is bad	24	_____	_____
25.	Takes unnecessary risks	25	_____	_____
26.	Gets hurt frequently	26	_____	_____
27.	Seems to be having less fun	27	_____	_____
28.	Acts younger than children his or her age	28	_____	_____
29.	Does not listen to rules	29	_____	_____
30.	Does not show feelings	30	_____	_____
31.	Does not understand other people's feelings	31	_____	_____
32.	Teases others	32	_____	_____
33.	Blames others for his or her troubles	33	_____	_____
34.	Takes things that do not belong to him or her	34	_____	_____
35.	Refuses to share	35	_____	_____

Total score _____

Does your child have any emotional or behavioral problems for which she/he needs help? () N () Y
 Are there any services that you would like your child to receive for these problems? () N () Y

If yes, what services? _____

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Strengths and Difficulties Questionnaire

- Broad social-emotional screener for 3-16 year olds
- Relatively brief (25 items)
- No expense
- Parent report
- Several versions available for different ages
- Available in multiple languages

Strengths and Difficulties Questionnaire **P or T⁴⁻¹⁰**

For each item, please mark the box for Not True, Somewhat True or Certainly True. It would help us if you answered all items as best you can even if you are not absolutely certain. Please give your answers on the basis of the child's behavior over the last six months or this school year.

Child's name Male/Female

Date of birth

	Not True	Somewhat True	Certainly True
Considerate of other people's feelings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restless, overactive, cannot stay still for long	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often complains of headaches, stomach-aches or sickness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shares readily with other children, for example toys, treats, pencils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often loses temper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rather solitary, prefers to play alone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Generally well behaved, usually does what adults request	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Many worries or often seems worried	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Helpful if someone is hurt, upset or feeling ill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Constantly fidgeting or squirming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has at least one good friend	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often fights with other children or bullies them	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often unhappy, depressed or tearful	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Generally liked by other children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Easily distracted, concentration wanders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nervous or clingy in new situations, easily loses confidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kind to younger children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often lies or cheats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picked on or bullied by other children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often offers to help others (parents, teachers, other children)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thinks things out before acting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steals from home, school or elsewhere	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gets along better with adults than with other children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Many fears, easily scared	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Good attention span, sees work through to the end	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Signature Date

Parent / Teacher / Other (Please specify):

Thank you very much for your help © Robert Goodman, 2005

Strength and Difficulties Questionnaire (SDQ)

Problem Subscales:

- Emotional
- Conduct
- Hyperactivity
- Peer Relationships

Scores of 6-10 considered clinical range

Positive Subscale:

- Prosocial

Scores 6-10 considered normal range (parent/teacher report)

Strengths and Difficulties Questionnaire **P or T ⁴⁻¹⁰**

For each item, please mark the box for Not True, Somewhat True or Certainly True. It would help us if you answered all items as best you can even if you are not absolutely certain. Please give your answers on the basis of the child's behavior over the last six months or this school year.

Child's name Male/Female

Date of birth.....

	Not True	Somewhat True	Certainly True
Considerate of other people's feelings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restless, overactive, cannot stay still for long	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often complains of headaches, stomach-aches or sickness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shares readily with other children, for example toys, treats, pencils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often loses temper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rather solitary, prefers to play alone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Generally well behaved, usually does what adults request	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Many worries or often seems worried	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Helpful if someone is hurt, upset or feeling ill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Constantly fidgeting or squirming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has at least one good friend	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often fights with other children or bullies them	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often unhappy, depressed or tearful	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Easily distracted, concentration wanders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nervous or clingy in new situations, easily loses confidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kind to younger children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often lies or cheats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picked on or bullied by other children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often offers to help others (parents, teachers, other children)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thinks things out before acting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steals from home, school or elsewhere	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gets along better with adults than with other children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Many fears, easily scared	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Good attention span, sees work through to the end	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Signature Date

Parent / Teacher / Other (Please specify):

Thank you very much for your help

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- Many children are not recognized in toddler years; and frequently autism is missed
- Sometimes symptoms become more apparent as children move into school
- Critical to continue to screen; using the SCQ for children above 4 years (mental age >2 years); in which suspicion is raised.

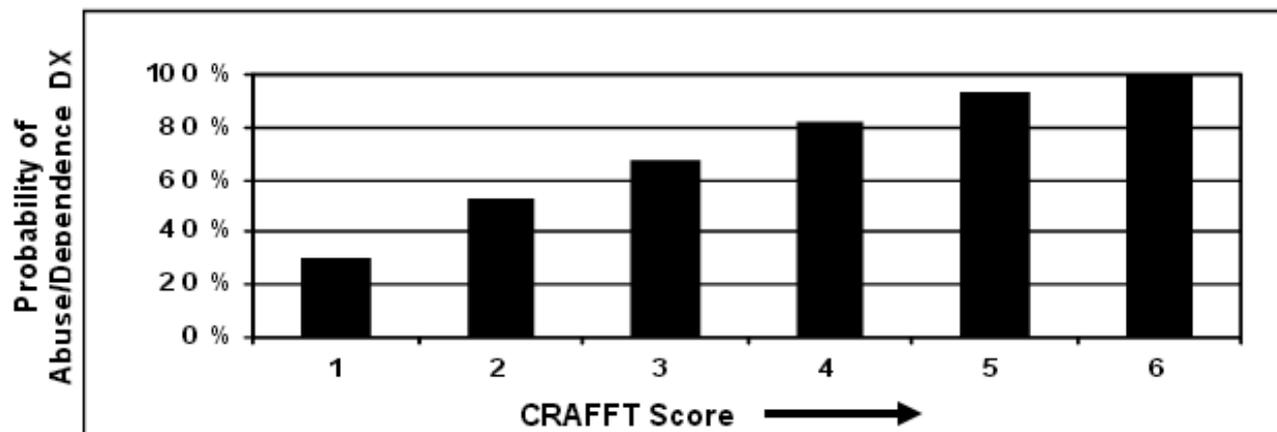
- Parent questionnaire, 40 items based on the Autism Diagnostic Interview
- Scores 13-15 raise concern for autism; with scores greater than 15 signaling clear need for additional testing (ADOS)
- Refer for evaluation at Genesee Health System (GHS) (Community Mental Health) at **810-257-3740**

- Substance use screener
- CRAFFT is an acronym made from the questions on the screener
- Self-report form for adolescents

- C** Have you ever ridden in a *car* driven by someone (including yourself) who was “high” or had been using alcohol or drugs?
- R** Do you ever use alcohol or drugs to *relax*, feel better about yourself, or fit in?
- A** Do you ever use alcohol or drugs while you are by yourself, *alone*?
- F** Do you ever *forget* things you did while using alcohol or drugs?
- F** Do your family or *friends* ever tell you that you should cut down on your drinking or drug use?
- T** Have you ever gotten into *trouble* while you were using alcohol or drugs?

Scoring of CRAFFT

Probability of Substance Abuse/Dependence Diagnosis Based on CRAFFT Score^{1,2}



DSM-IV Diagnostic Criteria³ (Abbreviated)

Substance Abuse (1 or more of the following):

- Use causes failure to fulfill obligations at work, school, or home
- Recurrent use in hazardous situations (e.g. driving)
- Recurrent legal problems
- Continued use despite recurrent problems

Substance Dependence (3 or more of the following):

- Tolerance
- Withdrawal
- Substance taken in larger amount or over longer period of time than planned
- Unsuccessful efforts to cut down or quit
- Great deal of time spent to obtain substance or recover from effect
- Important activities given up because of substance
- Continued use despite harmful consequences

- Over the past 2 weeks how often have you been bothered by any of the following problems: little interest or pleasure in doing things
- Feeling Down Depressed or Hopeless

Key:

0 – not at all

1 - Several days

2 – More than half the days

3 - Nearly every day

PHQ-9 Modified for Teens

- 9 item self report questionnaire
- Depression screen
- Takes 5 minutes to take and score
- Incorporates 2 key suicide questions.
 - Has there been a time in the past month when you have had serious thoughts about ending your life?
 - Have you ever, in your whole life, tried to kill yourself or made a suicide attempt?

PHQ-9 Modified

1. Feeling down, depressed, irritable or hopeless?
2. Little interest or pleasure in doing things
3. Trouble falling asleep, staying asleep, or sleeping too much?
4. Poor appetite, weight loss, or overeating?
5. Feeling tired, or having little energy

6. Trouble concentrating on things like school work, reading or watching TV?
7. Feeling bad about yourself – or feeling that you are a failure, or that you have let yourself or your family down?
8. Moving or speaking so slowly that other people could have noticed? Or the opposite – being so fidgety or restless that you were moving around a lot more than usual
9. Thought that you would be better off dead, or of hurting yourself in some way?

Scoring the PHQ-9

Key:

0 – not at all

1 - Several days

2 – More than half the days

3 - Nearly every day

Total Score Interpretation:

1-4 minimal depression

5-9 mild depression

10-14 moderately severe depression

20-27 severe depression

Scoring the PHQ-9 Modified

- A score of 10 or higher is a positive
- Regardless of the PHQ-9 total score, serious suicidal ideation or past suicide attempt should be considered a positive screen worthy of your attention

- PCP may utilize the Behavioral Health Clinician in or linked to the practice for further assessment or determination of referral sources.
- If provider does not have access to a BHC, they should contact Genesee Health System (Community Mental Health) Access Center at (810) 257-3740 for those children with a positive screen to learn more about resources available or to arrange for an assessment.

Suicide Prevalence

- Suicide is a significant public health issue ¹
 - 3rd leading cause of death 10-14 year olds
 - 2nd leading cause of death 15-24 year olds
- NY Times April 22, 2016-Suicide has surged to the highest levels in nearly 30 years with increases in every age group except older adults.
- Psychiatric illness is as contributing factor
 - Up to 90 percent of suicide victims suffer from a mental or emotional disorder at the time of death²
- People who die by suicide are frequently experiencing undiagnosed, undertreated, or untreated depression.
- Contact with primary care providers in the time leading up to suicide is common³

Detecting Suicide Risk

1. Review each patient's personal and family medical history for suicide risk factors.
2. Screen all patients for suicide ideation, using a brief, standardized, evidence-based screening tool.
3. Review screening questionnaires before the patient leaves the appointment or is discharged.

(Sentinel Event Alert The Joint Commission, February 24, 2016)

- **Patients in acute suicidal crisis**
 - Keep in a safe health care environment under one-to-one observation. Do not leave these patients by themselves. Provide immediate access to care through an emergency department, inpatient psychiatric unit, respite center, or crisis resources.
- **Patients at lower risk of suicide**
 - Make personal and direct referrals and linkages to outpatient behavioral health and other providers for follow-up care within one week of initial assessment, rather than leaving it up to the patient to make the appointment.

(Sentinel Event Alert The Joint Commission, February 24, 2016)

For All Patients with Suicide Ideation and Family Members

- **Crisis and support resources**
 - National Suicide Prevention Lifeline, 1-800-273-TALK (8255), as well as to local crisis and peer support contacts
- **Conduct safety planning**
 - Collaboratively identify possible coping strategies with the patient and by providing resources for reducing risks
- **Restrict access to lethal means**
 - Assess whether the patient has access to firearms or other lethal means, such as prescription medications and chemicals, and discuss ways of removing or locking up firearms and other weapons during crisis periods.

(Sentinel Event Alert The Joint Commission, February 24, 2016)

In-office Preparation

- Provide in-service for staff
- Identify who will administer and score the screen
- Review time needs and appointment types for screening
- Code for services rendered
- MC3 can assist with this
 - We will further discuss

Remember

- Behavioral concerns are the third reason children come to your offices
- In areas of high concentration of poverty such as Genesee Co. rates may be as high as 50%
- As many as 2 in 3 depressed youth are not identified by their primary care clinicians and do not receive any kind of care
- Mental illness is treatable and early intervention may prevent a suicide
- If you ask they will tell!

- Adverse Childhood Events (ACEs) including interpersonal violence, exposure to gun violence, poverty, incarceration, loss of loved ones, parental mental illness, physical and sexual abuse, neglect adversely affect young children
- Trauma screening may help identify youth at risk for psychosocial and behavioral sequelae of adverse childhood events.
- An upcoming webinar will further address trauma in children (date, June 2016).

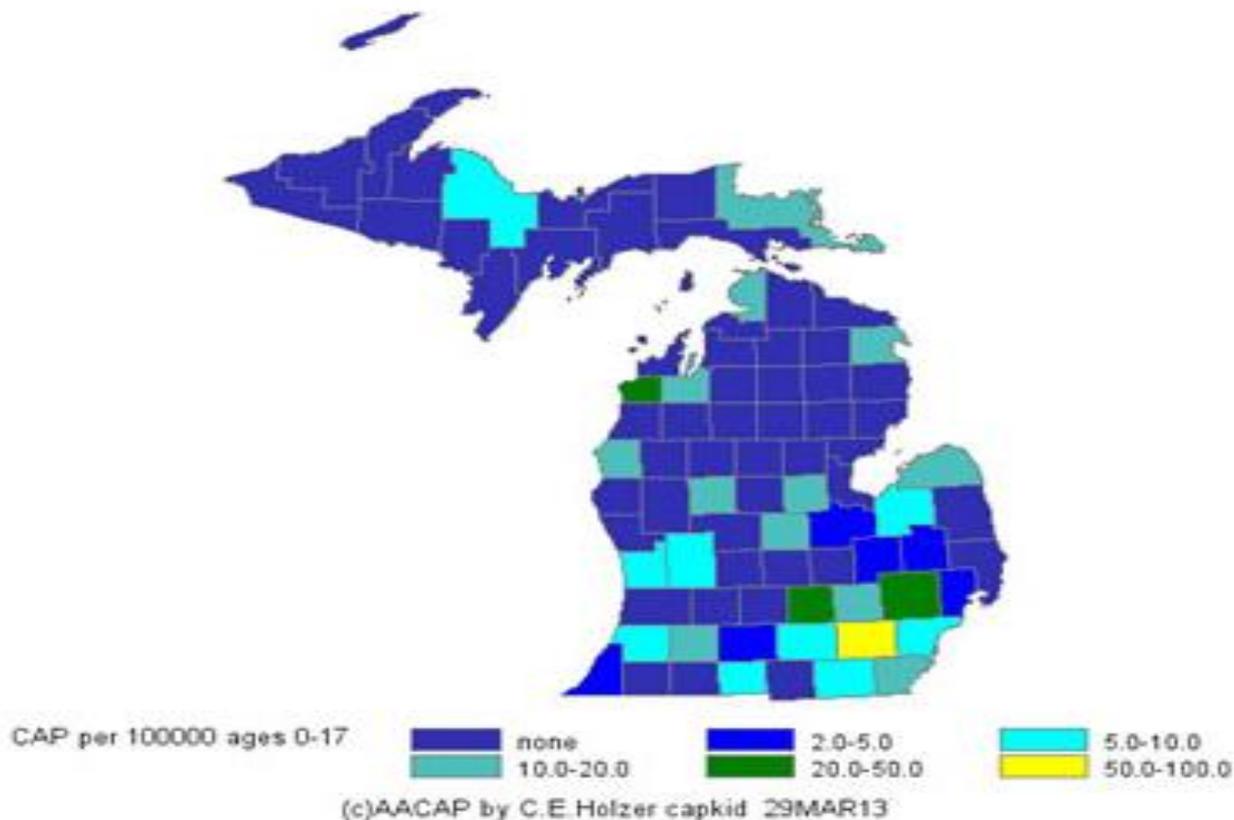
The Michigan Child Collaborative Care Program (MC3) and Support of Screening

Why Is Child Psychiatry Access A Problem?

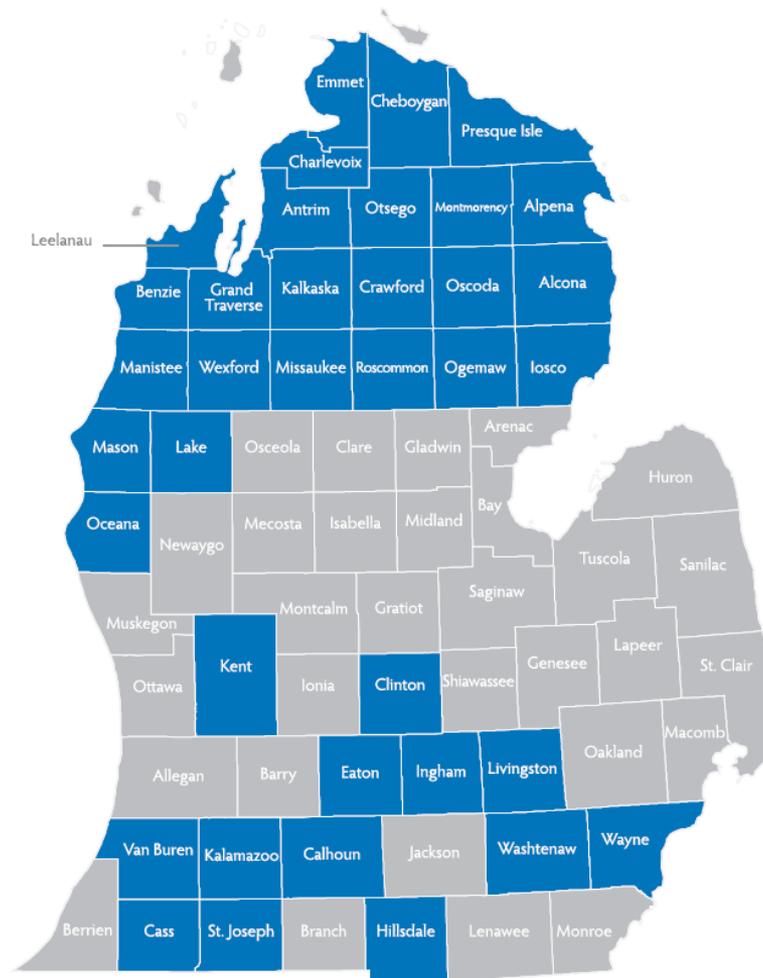
- Supply and Demand: A Perfect Storm
- Common Illnesses: Up to 20% of children and 50% of impoverished children
- Far too few child psychiatrists especially in rural areas
- This is how programs like MC3 got their start



Michigan: Practicing Child and Adolescent Psychiatrists



MC3 Counties To Date



Who Does MC3 Serve?

- Infants and children ages infancy through 26
- High risk women during pregnancy and postpartum



What Is MC3

- Telephone Access: “Answers in real time” to PCPs
- Tele psychiatry = 90 Minute Assessment/Child/Dyad
- Embedded Care: Placing BHCs in offices or available remotely
- Support For Screening
- Education: webinars, ongoing case consultations and panel reviews
- Outcomes: clinical, adherence, service utilization

- MC3 can assist with
 - Implementation of screening into PCP workflow (along with PCP and clinic staff)
 - Triaging positive screens (BHC)
 - Identifying local resources for referral for children who are identified through the screening process (BHC)
 - Diagnostic clarification (BHC/Psychiatrist)
 - Medication consultation/telepsych (Psychiatrist/CAP)

- Assist in diagnostic clarification for positive screens
- Identify mental health resources for therapy and school-based services (BHC)
- Consultation with psychiatrist as desired
 - Individual phone calls from PCP and panel reviews with BHC
- Consider medication
 - MC3 psychiatrists can support PCP with decision making; and ongoing care

For Further Information on MC3

Contact Anne Kramer at
University of Michigan
(ack@med.umich.edu)
or 734-764-7179

THANK YOU!

QUESTIONS?

- AAP Mental Health Toolkit
- Pediatrics June 2010 Supplement – Mental Health
- Bright Futures
- Teenscreen.org
- MentalHealthCheckups@childpsych.columbia.edu
- The REACH Institute
- US Preventive Services Task Force April 2009
Recommendation Statement: Screening and
Treatment for Major Depressive Disorder in Children
and Adolescents

References

Perou, R., Bitsko, R. H., Blumberg, S. J., Pastor, P., Ghandour, R. M., Gfroerer, J.C., ... & Huang, L. N. (2013). Mental health surveillance among children-United States, 2005-2011. *MMWR Surveill Summ*, 62(Suppl 2), 1-35.

Runyan, Christine. (2013, November 20). *Beyond Theory: Clinical and Operational Recommendations for Integrated Primary Care* [PowerPoint Presentation]. Grand Rapids, MI.

US Preventive Services Task Force. (2009). Screening and treatment for major depressive disorder in children and adolescents: US Preventive Services Task Force Recommendation Statement. *Pediatrics*, 123(4), 1223-1228.